

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DUPLICATE

TIN, RIW

TIN, RIE

FIELD NOTES

BASE LINE

OF THE

REMONUMENTATION OF THE INITIAL POINT

OF THE SIXTH PRINCIPAL MERIDIAN IN THE STATES OF KANSAS AND NEBRASKA

EXECUTED BY

Bernard W. Hostrop , Cadastral Surveyor

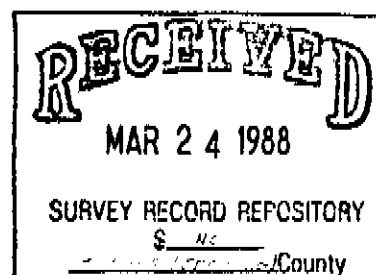
Gerald F. Pittman , Cadastral Surveyor

Under special instructions dated June 2 , 1987, approved June 4, 1987

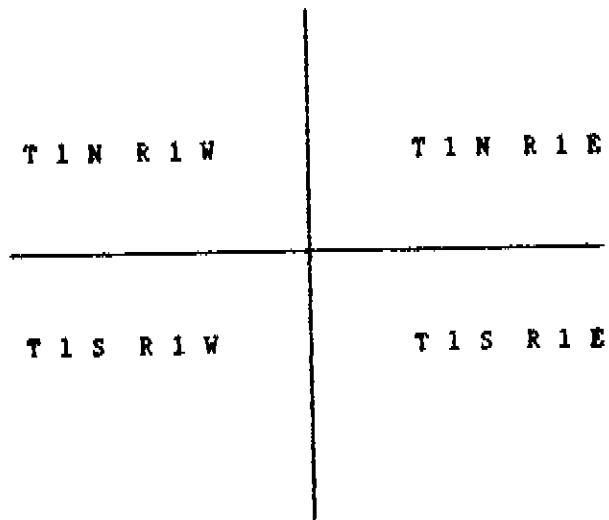
which provided for the surveys included under Group Number 24 Kansas, and
Group Number 119 Nebraska, and assignment instructions dated June 4, 1987

Survey commenced June 11 , 1987

Survey completed June 11 , 1987



INDEX DIAGRAM



Initial Point The Sixth Principal Meridian

CHAINS

The following field notes describe the remonumentation of the Initial Point for the survey of lands controlled by the Sixth Principal Meridian Kansas-Nebraska.

This remonumentation is being undertaken at the request of the Professional Surveyors of the Sixth Principal Meridian, a consortium of the Professional Land Surveying Associations of Kansas, Nebraska, Colorado, Wyoming and South Dakota. Their request follows their successful recovery, in cooperation with the Bureau of Land Management (BLM), of the remnants of the original monument. In conjunction with the remonumentation, the consortium is constructing, at its own expense, a historic marker 1 chain East of the Initial Point.

The monument was originally established on the 40th Parallel, 108 miles West of initial point for the Base Line on the west bank of the Missouri River, by John P. Johnson, Deputy Surveyor, under contract dated November 2, 1854. The field notes of the survey of the baseline were submitted to John Calhoun, Surveyor General for Kansas and Nebraska, on January 1, 1855. Subsequently, errors were found in the marking of corners on the baseline. A field examination was performed by Charles A. Manners, and Johnson survey of the baseline was found to be fatally flawed. Manners then surveyed the baseline and established the Initial Point on June 11, 1856. Johnson's monument was removed. This survey was performed under contract dated March 28, 1856. The Initial Point was recovered on May 26, 1859, by Thomas W. Wheatty, Deputy Surveyor, and used in the retracement of a portion of the Principal Meridian in order to adjust his Burt's Improved Solar Compass prior to the subdivision of Township 1 North, Range 1 West. A team from the consortium, assisted by BLM cadastral surveyors, recovered remnants of the original monument and accessories on October 25, 1986.

The remonumentation was executed in accordance with the Manual of Surveying Instruction, 1973 and the Special Instructions for Group No. 24, Kansas and Group No. 119, Nebraska.

The directions of ties to corner accessories refer to the true meridian.

The geographic position of the Initial Point as determined by the technique of relative positioning using the Magnovax 1502 Satellite Surveyor. Coordinates refer to the top of the monument, Latitude: 40°00'07.106" N Longitude 97°22'09.119" W.

Initial Point The Sixth Principal Meridian

CHAINS

Remonumentation of the Initial Point
of the Sixth Principal Meridian
Established by Charles A. Manners
in 1856

The Initial Point monumented with the remains of the original red sandstone measures 14 x 8 inches and is located 2 feet below the surface of the road. For historical reasons the monument was not removed from its original position.

from which

The broken remains of a limestone bears south 10 ft. dist. as recorded in Manners 1856 notes.

The broken remains of a limestone bears West 10 ft. dist. as recorded in Manners 1856 notes.

U.S. Coast and Geodetic Survey Triangulation station Meridian bears N 50°43'20" W 48.0 ft. dist., monumented with a brass tablet 3 ins. diam., set in a standard concrete post mkd. Meridian 1935.

At the corner point

Set a brass tablet 3 1/4 ins. diam., with a 6 in. stem, in the center of the original and sandstone, with brass tablet mkd.

T1M	
R1W	R1E
S36	S31
S 1	S 6
T1S	
1987	

The site is protected in a vault consisting of a 24 by 24 foot concrete pad topped with a flat iron marker.

from which

A memorial monument, bears east one chain distance, consisting of a 4 foot spire of polished red granite from Colorado, set onto a 3 foot pile of cemented rubble stones from Wyoming and western Nebraska. Over the stones and around the base of the spire are slabs of polished red granite engraved with state seals of each of the states. All parts of the monument are five sided to symbolize its importance to the five states.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Field Assistants

NAMES	CAPACITY
Kenneth D. Witt	BLM
Jack A. Eaves	BLM
Richard L. Oakes	BLM
Homer L. Gilson	BLM
Arthur W. Hipp	USFS
Jack C. Fitch	Nebraska
William L. Rynearson	Nebraska
Robert H. Jones	Kansas
Robert A. Chichester	Colorado
Emory E. Johnson	South Dakota
Paul M. Scherbel	Wyoming
Edwin W. Miller	Michigan
Anne Glasgow	Virginia
John D. Hohol	Wisconsin
C. Albert White	Oregon
Robert B. Todd	New Hampshire
Charles A. Tapley	Iowa
Amy M. Platt	Colorado
James F. Boyer	Tennessee
Raymond E. Connin	Arizona
Richard M. Biggs	North Carolina
Ben E. Nagel	Oklahoma
Nicholas A. Mozzachio	New Jersey
Leslie J. Cossaart	Kansas

CERTIFICATE OF SURVEY

We, Bernard W. Hostrop and Gerald F. Pittman, Cadastral Surveyors, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 2nd day of June, 1987, We have remonumented Initial Point of the Sixth Principal Meridian in the States of Kansas and Nebraska, which is represented in the foregoing field notes as having been executed by us and under our direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the survey of the public lands of the United States, and in specific manner described in the foregoing field notes.

March 10, 1988
(Date)

Bernard W. Hostrop
(Cadastral Surveyor)

March 10, 1988
(Date)

Gerald F. Pittman
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Washington, D.C.

The foregoing field notes of the remonumentation of the Initial Point, Sixth Principal Meridian executed by Bernard W. Hostrop and Gerald F. Pittman, Cadastral Surveyors, having been critically examined and found correct, are hereby approved.

March 10, 1988
(Date)

(sign) Robert F. Burford
(Director, Bureau of Land Management)

CERTIFICATE OF TRANSCRIPT

I Certify that the foregoing transcript of the field notes of the above-described remonumentation of the Initial Point of the Sixth Principal Meridian in the States of Kansas and Nebraska is a true copy of the original field notes.

March 10, 1988
(Date)

Robert F. Burford
(Director, Bureau of Land Management)